



1111 S 103<sup>rd</sup> St.  
Omaha, NE 68124

324-327

August 24, 2010

REC'D

AUG 28 2010

APCO

Mr. Dave Phelps  
Iowa Department of Natural Resources  
Air Quality Bureau/Construction Permits  
7900 Hickman Rd. Suite 1  
Urbandale, IA 50322

**Re: Reciprocating Internal Combustion Engine (RICE) MACT Initial Notification**

Dear Mr. Phelps:

Northern Natural Gas (Northern) is submitting the initial notifications for four diesel fired electrical generator engines at Northern's Earlville, Ogden, Paullina and Ventura compressor stations. The units are existing diesel fired engines. Therefore, initial notifications are being submitted for the four units and the engines will be classified as "Emergency Use" by the compliance date of May 3, 2013.

If you should require additional information or if you have any questions, please call me at (402) 398-7716.

Sincerely,

Greg Ammon  
Manager - Environmental

Cc: Director, Air, RCRA and Toxics Division – EPA Region VII  
Mr. Leo Nichols – NNG



IOWA DEPARTMENT OF NATURAL RESOURCES  
AIR QUALITY BUREAU

## Initial Notification for Compression Ignition Engines<sup>a</sup>

**NESHAP for Reciprocating Internal Combustion Engines**  
40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)

### Facility Information

Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Northern Natural Gas	Earlville Compressor Station	28-04-004		
Equipment Location - Street:	City:	State:	Zip:	
2400 260th Avenue	Delhi	IA	52223	
Mailing Address (if different):	City:	State:	Zip:	
8101 Birchwood Court, Ste. F	Johnston	IA	50131	
Person to Contact:	Phone number:	Email (if available):		
Leo Nichols	402-530-2011	leo.nichols@nngco.com		

This facility is a (please choose one):

- ☐ Major source: potential or actual emissions greater than 10 tons of any single hazardous air pollutant (HAP) or 25 tons of a combination of HAP
- ☒ Area source: potential and actual emissions below major source levels

### Identification of Standard

- ☒ Yes, this facility is subject to 40 CFR Part 63, Subpart ZZZZ, *National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines* (RICE NESHAP):

<sup>a</sup> This is an example of the type of information that must be submitted to fulfill the Initial Notification requirement of 40 CFR 63, Subpart ZZZZ. You may submit the information in another form or format, or you may use this form.

## Engine Data

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (bhp)
A-1	Caterpillar	Yes	1995	1995	587

Existing units: Initial notifications are required to be submitted by August 31, 2010 for the following:

Area sources: Non-emergency engines > 300 bhp, installed before June 12, 2006

Major sources: Non-emergency engines > 500 bhp, installed before December 19, 2002, and  
Non-emergency engines > 100 and ≤ 500 bhp, installed before June 12, 2006

New units: Initial notifications are required to be submitted within 120 days of startup for the following:

Major sources: All engines > 500 bhp installed on or after December 19, 2002

## Signature

Responsible Official Certification		
<input checked="" type="checkbox"/>	I certify the truth, accuracy, and completeness of this notification.	
Responsible Official Name	Responsible Official Signature	Date
Royce A. Ramsay		08/23/10

Submit this notification to the following agencies:

- Director, Air and Waste Management Division, U.S. Environmental Protection Agency, 901 N. 5th Street, Kansas City, KS 66101
- NESHAP Coordinator, Iowa Department of Natural Resources, 7900 Hickman, Suite 1; Windsor Heights, IA, 50324
- If the facility is located in either Linn County or Polk County, this notification shall also be submitted to the appropriate county office:

**Polk County Public Works – Air Quality Division**  
5885 NE 14<sup>th</sup> Street; Des Moines, IA 50313

**Linn County Public Health - Air Quality Division**  
501 13<sup>th</sup> Street NW; Cedar Rapids, IA 52405



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Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Northern Natural Gas	Ogden Compressor Station	08-03-004		
Equipment Location - Street:	City:	State:	Zip:	
608-210th St.	Ogden	IA	50212	
Mailing Address (if different):	City:	State:	Zip:	
8101 Birchwood Court, Ste. F	Johnston	IA	50131	
Person to Contact:	Phone number:	Email (if available):		
Leo Nichols	402-530-2011	leo.nichols@nngco.com		

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Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (bhp)
16	Cummins	No	1997	1997	685

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**NESHAP for Reciprocating Internal Combustion Engines**  
40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)

### Facility Information

Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Northern Natural Gas	Paullina Compressor Station	18-06-002		
Equipment Location - Street:		City:	State:	Zip:
4213 J Avenue		Paullina	IA	51046
Mailing Address (if different):		City:	State:	Zip:
8101 Birchwood Court, Ste. F		Johnston	IA	50131
Person to Contact:	Phone number:	Email (if available):		
Leo Nichols	402-530-2011	leo.nichols@nngco.com		

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## Engine Data

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (bhp)
EU-09	Cummins	Yes	2007	1996	380

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Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Northern Natural Gas	Ventura Compressor Station	41-02-05		
Equipment Location - Street:	City:	State:	Zip:	
2415 270th Stret	Garner	IA	50438	
Mailing Address (if different):	City:	State:	Zip:	
8101 Birchwood Court, Ste. F	Johnston	IA	50131	
Person to Contact:	Phone number:	Email (if available):		
Leo Nichols	402-530-2011	leo.nichols@nngco.com		

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A-3	Cummins	Yes	1996	1996	535

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